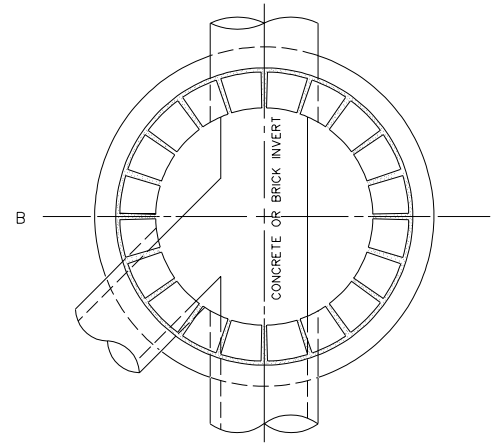
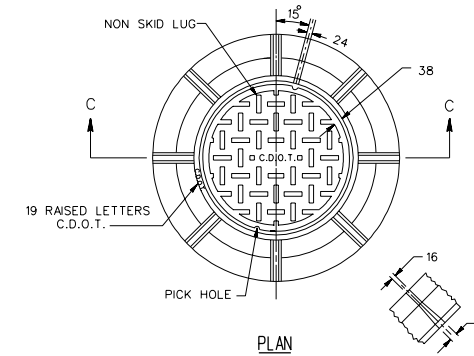


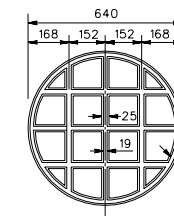
CROSS SECTION A-A



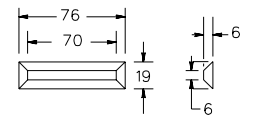
CROSS SECTION B-B



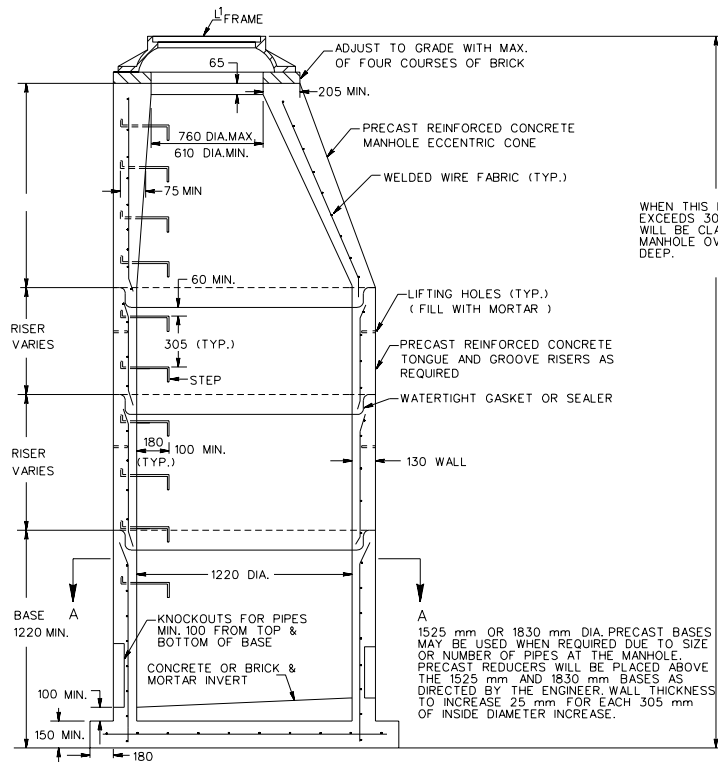
PLAN



UNDERSIDE OF COVER

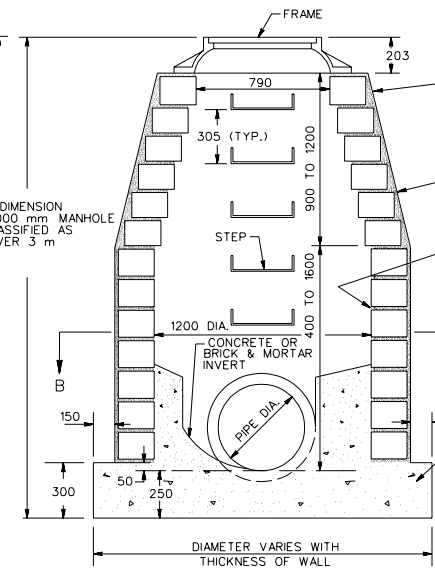


DETAIL OF NON SKID LUG



VERTICAL SECTION

MANHOLE  
REINFORCED PRECAST CONCRETE UNITS



VERTICAL SECTION

MANHOLE  
MASONRY CONCRETE UNITS  
OR CLASS "A" CONCRETE

WALL SHALL BE A MIN. OF 150 mm WITH MASONRY CONCRETE UNITS AND CLASS "A" CONCRETE  
WALL SHALL BE 300 mm THICK WHEN DEPTH OF MANHOLE IS GREATER THAN 3000 mm DEEP

MASONRY WALLS ARE TO BE PLASTERED OUTSIDE WITH 1:2 CEMENT MORTAR 15 mm THICK. MASONRY MUST BE WET WHEN MORTAR IS APPLIED.

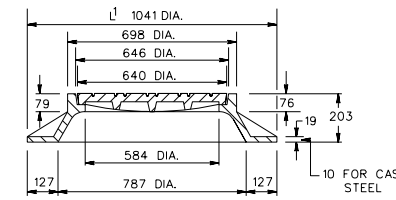
ALL JOINTS ARE TO BE POINTED FLUSH AND FULL

WALLS SHALL BE BUILT OF MASONRY CONCRETE UNITS OR CLASS "A" CONCRETE AT THE OPTION OF THE CONTRACTOR.

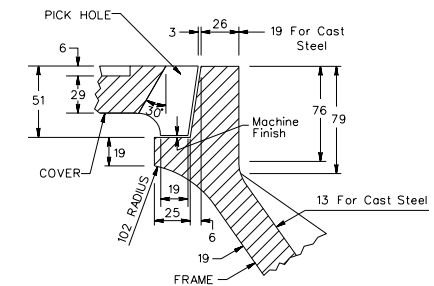
MASONRY CONCRETE UNITS TO BE LAID IN CEMENT SAND MORTAR 1:2 MIX. JOINTS TO BE NOT OVER 10 mm ON INSIDE FACE

CLASS "A" CONCRETE

NOTE:  
CHANNELS MAY BE SHAPED IN CONCRETE BASE OF MANHOLE OR FORMED OF BRICK OR MASONRY.



SECTION C-C



DETAIL OF SEAT

FRAME & COVER		
MATERIAL	CAST IRON	CAST STEEL
APPROXIMATE MASS OF COVER	83 kg	61 kg
APPROXIMATE MASS OF FRAME	142 kg	103 kg
ALL DIMENSIONS SUBJECT TO MANUFACTURING TOLERANCES		

⌈ A FRAME DIAMETER OF 991 mm WITH 102 mm FLANGE MUST BE USED WHEN THE TOP DIAMETER OF THE PRECAST CONE IS LESS THAN 1065 mm. ALL OTHER FRAME DIMENSIONS ARE TO REMAIN THE SAME

DATE: 11-13-97

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT AS NOTED.